

RADU, S.; NIEDERKORN, I.

Contribution to the obtaining of high purity aluminum. Studii cerc
metalurgie 8 no.1:31-44 '63.

NIEDERKORN, I.; LAUDONIU, Diamanta; WOHL, A.; TEODORESCU, R.; POPESCU, N.

Obtention of high purity silicium in a SIP-4 experiment installation.
Rev chimie Min petr 14 no.2:77-83 F '63.

NIEDERKORN, I.; WOHL, A.

Determination of trichlorsilane in a solution without other
compounds with connections ■ SiH. Rev chimie Min petr 14 no.5:
302-303 My '63.

ZAMBO, Janos, aspirans; NIEDERKORN, Janos, aspirans

The 1957 session of the All-Union Research Institute for
Aluminum and Magnesium. Koh lap 12 no. 4/5 211-212 Ap-May '57.

1. Moszkvai Szinesfem es Arany Intezet.

GVOZDJAK, Jan; NIEDERLAND, Rudolf T.

Effect of prolonged administration of digitoxin on the adrenal glands of rats. Biologia 18 no.8:621-625 '63.

1. Vedecke laboratorium farmakobiochemie pri III internej klinike Lekarskej fakulty Univerzity Komenskeho v Bratislave.

NIEDERLAND, T.R.

Changes in the liver in experimental cardiomyofibrosis. Orv.
hetil. 106 no.49:2305-2307 15 D ' 65.

1. Komensky Egyetem, Orvosi Fakultas, Belgyogyaszati Klinika,
Bratislava (igazgato: Niederland, T.R., dr.).

NIEDERLAND, T.R.

Digitalis and strophanthin in therapy of cardiac insufficiency.
Sloven.lekar 12 no.9-10:484-490 Sept-Oct 50. (CLML 20:5)

1. Of the Second Internal Clinic of Slovak University, Bratislava.

NIEDERLAND, T.R.

NIEDERLAND, T.R.; PALCO, M., KELEN, J.

Method of cephalin-cholesterol flocculation test. Bratisl. lek. listy
Suppl.1:Vol.30:12-16 1950. (CIAL 19:4)

1. Of the Second Internal Clinic and of the Biochemical Department
of the Institute of Medical Chemistry of Slovak University.

^T
NIEDERLAND, R.

Study of biochemistry at the departments of pharmacy and its active role in ideological struggle. Cesk. farm. 2 no.10-11:336-338 Nov 1953.

(CIML 25:5)

1. Of the Institute of General and Clinical Biochemistry of Slovak University, Bratislava.

NIEDERLAND, T.R.; DUCHON, T.

Metabolism of salicylates in the organism. Bratisl. lek. listy
34 no.3:249-254 Mr '54.

1. Z II. internej kliniky SU v Bratislave, prednosta doc. dr V.Haviar,
a so IV. odboru Statneho zdrav. ustavu, prednosta doc. dr. T.R.
Niederland.

(SALICYLATES, in blood,
*after oral admin.)

NIEDERLAND, R. Th.

Myocardial metabolism. 1. Energy output in muscular contraction.
Bratisl. lek. listy 34 no.1:55-59 Ja '54.

1. Z Ustavu pre vseobecnu a klinicku biochemiu LFSSU v Bratislave,
prednosta doc. dr. R.Th.Niederland.
(MYOCARDIUM, metabolism,
*energy output in musc. contraction)

NIEDERLAND, T.R.

Myocardial metabolism. Bratisl. lek. listy 34 no.9:1084-1087 Sept 54.

1. Z Ustavu pre všeobecnú a kliniku biochemiu LFŠU v Bratislave
prednosta prof. dr. T.R.Niederland
(MYOCARDIUM, metabolism,)

NIEDERLAND, T. R.

The metabolism of salicylates in the organism. II. Changes of prothrombin time in the course of salicylate therapy. T. R. Niederland, J. Gvozdiak, E. Hrivová, P. Maslar, M. Hrivová, and J. Holánová (Ústav všeobecné klinické biochemie, 811, Bratislava, Czech.). *Časopis Lékařů Českých* 93, 816-20 (1954) (in Slovakian).—Prothrombin time (I) was estd. in 22 subjects in the course of treatment with Na salicylate. In most cases a small (less than 50%) and transient prolongation of I was observed during the first few days of treatment but disappeared spontaneously in spite of continued administration of salicylate. No simple relation between the level of salicylate in blood and I was observed. Indiscriminate administration of vitamin K during the course of salicylate treatment is not considered to be substantiated. Ivo H. Hala

5

NIEDERLAND, T. R.; BRIKOVA, E.; GVOZDJAK, J.; Techn. spolupracu:
HOLANOVA, J.

Metabolic effects of salicylates in the organism. 3. Biochemical
changes in the suprarenal glands in rabbits in chronic administration
of salicylates. Bratisl. lek. listy 35 2 no.3:140-154 15 Aug 55.

1. Z Ustavu pre vseobecnu a klinicku biochemiu LFUK v Bratislave,
prednosta prof. dr. T. R. Niederland. Biochemicke zmeny v
nadoblickach kralikov pri chronickom podanovi salicylatov.

(SALICYLATES, effects

on biochem. changes of adrenal glands, after chronic admin.
in rabbits.)

(ADRENAL GLANDS, effects of drugs on

salicylates, chronic admin., causing biochem. changes
in rabbit)

Niederland, T.R.

The determination of glycogen in muscle tissues. T. R. Niederland, I. Gvozdiak, and M. Triznová (Komenský Univ., Bratislava, Czech.). Chem. Zvesti 10, 242-5 (1956) (German summary).—A crit. study of various methods of glycogen detn. was made. Morris' (C.A. 42, 4633e) and Boettiger's (C.A. 40, 5086*) methods are recommended as suitable and Good, *et al.*'s (C.A. 27, 349d) is not recommended because it was found to be too slow. Jan Micka

Jan 3

NIEDERLAND, R.R.

The determination of total phospholipids. T. R.
Niederland, R. J. Dzurik, P. K. Kovacs, and J. Machovic.
Zvesti 10, 310-13 (1956) (German summary). -- A crit.
review of methods to det. the total phospholipides (I) in
tissues is given. The method by Fiske and Subbarow
(C.A. 20, 1092), modified by Stewart and Hendry (C.A. 29,
7360), is the best for the detn. of total I. To det. salts of
H₂PC, the best method is by Tausky and Shorr (C.A. 49,
9399). By detg. I in bone roast as fatty acids, the results
were 11% lower as compared with the method of P detn.,
which agrees with the findings of Artom and Fishman
(C.A. 37, 4448). Jan Micks

708

RM
JL

NIEDERLAND, T. R.

The determination of higher fatty acids in biological material. T. R. Niederland, F. K. Kovács, R. J. Drárik, and L. Macho (Komenský Univ., Bratislava, Czech.). Chem. Abstr. 10, 622-4(1958)(German summary). Of the 3 methods, Bloor (C.A. 22, 2181), Kaiser and Kagan (C.A. 40, 3104h), and Stern and Shapiro (J. Clin. Path. 6, 168(1953)), the last 2 were found to be very suitable. Jan Micka

Niederland, T. R.

Metabolic influence of salicylates in the organism. IV. Influence of antirheumatic drugs on hyaluronidase. T. R. Niederland, V. Měrch, and P. Mášar (Komenský Univ., Bratislava, Czech.). Bratislava: Lekárske Listy 36, Pt. 1, 401-71(1956); cf. C.A. 49, 15092a. Administration of antirheumatic drugs to rabbits brought about inhibition of the spreading activity (I) of testicular hyaluronidase preps. in vivo: adrenocorticotropin (0.7 mg.) 93%, phenylacetic acid (14 mg.) 82%, Na salicylate (100 mg.) 66%, and cortisone (0.7 mg./kg.) 57%. Pyridine saline (1 ml./kg.) likewise produced an inhibition of 17%, whereas glucose (1 ml. 10% soln./kg.) had an activating influence on I of 57%.
L. I. Urbánek

NIEDERLAND, T.R.

/ Metabolic influence of salicylates in the organism. V.
Changes of the prothrombin time following toxic doses of
salicylates in rabbits, influence of vitamin K and of nutrition
upon these changes. T. R. Niederland, E. Brixová, J.
Gvozdiak, and M. Triznová (Komenský Univ., Bratislava,
Czech.). Bratislav. Lekárske Listy 36, Pt. 1, 577-87
(1956); cf. C.A. 50, 10020g. -- The highly toxic effect of
subcutaneously injected Na salicylate (0.51-0.68 g./kg.)
characterized by a progressive prolongation of the prothrom-
bin time (1) was considerably dependent on the compn. of
food. Adaptation of vitamin K did not block F. (cf.
C.A. 48, 11645a) L. F. Urbánek

if
Mex

Country : CZECHOSLOVAKIA

V

Category: Pharmacology. Toxicology. Anti-Infection Agents.

Abs Jour: RZhBiol., No 6, 1959, No 27846

Author : Niederland, T.R.; Mizes, V.; Fedorenkova, A.

Inst : -

Title : The Change of Activity of Hyaluronidase in vivo
in Repeated Introduction of Salicylates

Orig Pub: Bratisl. lekar. listy, 1957, 2, No 10-11, 600-606

Abstract: Five-day-long introduction of salicylates (I) to rabbits led to a decrease of hyaluronidase activity, which was less from a dose of 0.23 g/kg of I than from a dose of 0.69 g/kg. During the first and second day, this effect was most expressed. In subsequent days, its decrease was observed. - From the authors' resume

Card : 1/1

V-37

EXCERPTA MEDICA Sec 2 Vol 12/6 Physiology June 59

2183. PATHOLOGICAL BIOCHEMISTRY OF LIVER FAILURE - Patologická bio-
chémia pečeňového zlyhania - Niederland T. R. III. Intern. Klin. Lék.
Fak. Univ. Komenského; Vedecké Lab., Farmakobiokh., Bratislava -
VNITŘNÍ LÉK. 1958, 4/10 (872-881) Graphs 5 illus. 1

In the first part of this paper, the modern conception of pathological failure of the
function of the liver is dealt with. It is emphasized that these conceptions, supported
exclusively by the disturbance of the metabolism of ammonia in the brain, are not
capable of explaining from the biochemist's point of view the failing of reactions in
the organism, the result of which is an acute failure of the liver.

Niederlandt Rudolf
~~NIEDERLAND, Rudolf, Prof.~~

Use of radioisotopes in medicine. Cesk. zdravot. 6 no.1:45-50 1958.

1. Ustav pre vseobecnu a klinicku biochemiu Lek. fak. Bratislava.
(ISOTOPES,
in med. (Cz))

EXCERPTA MEDICA Sec 2 Vol 12/9 Physiology Sept 59

4458. CHANGES IN GLYCOGEN CONTENT OF THE LIVER, STRIATED MUSCLES AND MYOCARDIUM FOLLOWING LARGE DOSES OF SALICYLATES -

Zmeny hladiny glykogénu v pečeni, priechne pruhovanom svalu a v myokarde po veľkých dávkach salicylanov - Niederland T. R., Gvozdják J. and Brixová E. Úst. pre Všeobecnú a Klín. Biochém. Lek. Fak. Univ.

Komenského, Bratislava - BRATISL. LEK. LISTY 1958, 38 (1)/7 (385-393)

Tables 3

Toxic doses of salicylate cause a drop of liver glycogen to practically zero. In striated muscle the glycogen content drops to less than 10% of the original value. The glycogen level of myocardium dropped in an acute series of rabbits after toxic doses of salicylates from 207 mg./100 ml. to 121 mg./100 ml., in the peracute series from 362 mg./100 ml. to 30 mg./100 ml. At 2-3 hr. before death the blood glucose value drops to 25-40 mg./100 ml. The low liver glycogen level cannot be attributed to energy consumption in the stage of convulsions.

Heydemann - Amsterdam (II, 6, 19*)

NIEDERLAND, T.R.; DZURIK, R.; KOVACS, P.; DORNETZHUBER, V.; HOSTYN, L.

Changes of kidney & liver lipid fractions in pyelonephritis. *Cas. lek. cesk.* 97 no.6-7:178-180 14 Feb 58.

1. Ustav pre vseobecnu a klinicku biochemiu, Bratislava, prednosta prof. T. R. Niederland a Ustav patologickej anatomie, prednosta prof. F. Klein.

(LIPIDS, metab.

kidney & liver in pyelonephritis in rabbits (Cz))

(KIDNEYS, metab.

lipids in pyelonephritis in rabbits (Cz))

(LIVER, metab.

same)

(PYELONEPHRITIS, metab.

lipids in kidney & liver in rabbits (Cz))

CZECHOSLOVAKIA/Pharmacology and Toxicology. Hormonal
Preparations.

V

Abs Jour: Ref Zhur-Biol., No 19, 1958, 89940.

Author : Niederland, T.R.; Mezes, V.; Fedorcakova, A.;
Krizko, J.

List : -

Title : Effect of Prolonged Administration of ACTH, Cortisone,
and Phenyleinchonic Acid upon Hyaluronidase Activity
in Vivo.

Orig Pub: Casop. lekaru ceskych, 1958, 97, No 6-7, 180-183.

Abstract: In experiments on rabbits (by application of the
intradermal test), cortisone depressed hyaluroni-
dase activity most strongly and durably. Inter-
phan (phenyleinchonic acid) was less active.

Card : 1/2

V-35

NIEDERLAND, T. Rudolf. (Bratislava)

Future plans for the development of clinico-biochemical laboratories.
Cas. lek. česk. 97 no.23-24:757-758 6 June 58.

1. Ustav pre vseobecnu a klinicku biochemiu, Bratislava, prednosta
prof. dr. T. R. Niederland.

(LABORATORIES,
med., in Czech. (Cz))

PIACHY, O.; KOVACZ, P.; DZURIK, R.; NIEDERLAND, T.R.

Notes on the separation of bilirubin by paper chromatography. Cas. lek.
cesk. 98 no.27:842-844 3 July 59.

1. Katedra chemie FFUK, prednosta prof. L. Krasnec, III. interna klinika,
prednosta prof. dr. T.R. Niederland. R.T.H., Bratislava, Hloboka 11.
(BILIRUBIN, detera.
chromatographic separation (Cz))

NIEDERLAND, T.R.; KOVACS, P.; DZURIK, R.; HOSTYN, L.; MARKO, P.

Dynamic changes of liver lipid fractions following the administration of massive doses of salicylates. Cas.lek.ceak. 99 no.3/4:98-101 22 Ja '60.

1. III. interna klinika lekarskej fakulty UK v Bratislave, prednosta prof.dr. T.R. Niederland. Katedra chemie-biochemia farmaceutickej fakulty UK v Bratislave, prednosta prof.dr. Ludovit Krasnec.

(LIVER metab.)

(LIPIDS metab.)

(SALICYLATES pharmacol.)

NIEDERLAND, T.R.; GVOZDJAK, J.; BRIKOVA, E.

Dynamic changes of l-ascorbic acid and cholesterol in the adrenals
after massive doses of salicylates. Cas. lek. cesk. 99 no.16:497-
500 15 Ap.'60.

(ADRENAL CORTEX pharmacol.)

(SALICYLATES pharmacol.)

(VITAMIN C metab.)

(CHOLESTEROL metab.)

NIEDERLAND, T. Rudolf

Biochemical importance of water and electrolytes. Cas.lek.cesk.
99 no.26:793-798 24 Je '60.

1. III. interna klinika a Vedecke laboratorium farmakobiochemie
lek. fakulty UK v Bratislave, prednosta univ. prof. MUDr.
T.R.Niederland.

(WATER ELECTROLYTE BALANCE)

NIEDERLAND, T. R.; GVOZDJAK, J.; BRIKOVA, E.; BACHLEDOVA, E.; technicka
spolupraca: BELAJOVA, E.; MATOLKOVA, M.

Changes in the concentration of l ascorbic acid and cholesterol in
the adrenal gland during the course of chronic and chronic intermittent
administration of salicylates. Bratisl. Lek. Listy 2 no.11:647-651
'61.

1. Z III internej kliniky Lek. fak. Univ. Komenskeho v Bratislave,
prednosta prof. MUDr. T. R. Niederland.

(ADRENAL CORTEX pharmacol) (VITAMIN C metab)
(CHOLESTEROL metab) (SALICYLATES pharmacol)

WIEDERLAND, F.R.

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: MD, University Professor

Affiliation: Third Clinic of Internal Medicine, LFUK /Lekarska fakulta Komenského university; Faculty of Medicine, Comenius University/ (III-
Interná klinika LFUK), Bratislava

Source: Bratislava, Nasa Veda, Vol VIII, No 9, 1961, pp 533-535.

Data: "War Ecology."

GPO 981643

DOBIS, J.; VIDO, I.; NIEDERLAND, T.R.

Serum sorbitol dehydrogenase activity in liver lesions produced with tetrachloromethane in experimental conditions. Cesk. gastroent. vyz. 15 no.4:255-257 Je '61.

1. Z III internej kliniky lek. fak. Univ. Komenskeho v Bratislave, prednosta prof. MUDr. T.R.Niderland.

(DEHYDROGENASES blood) (LIVER DISEASES exper)
(CARBON TETRACHLORIDE:toxicol)

NIEDERLAND, T.R.

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees:

Affiliation:

Prosecution Unit, Okres Intitute of Public Health, Head F. Tomik; (Prosektura OUNZ, prednosta F. Tomik,) Trnava.
Third Internal Clinic Med. Faculty, Comenius University, Head Prof. T.R. Niederland MD., Bratislava; (III.interna klinika lekarske Fakultete Univ.Komenskeho, prednosta prof.MUDr. T.R. Niederland) Bratislava.

Source:

Prague, Ceskoslovenska Gastroenterologie a Vysiva, Vol 15, No 6, Sept 1961; pp 414-419

Data:

Investigations of the Activity of some Enzymes in Serum after Injury in Experimental Animals.

TOMIK, F.,
VIDO, I.,
NIEDERLAND, T.R. MD.
DOBIS, J.

GPO 981643

DZURIK, Rastislav, Dr.; KOLESAR, Pavel, Dr.; BRIKOVA, Eva, Dr.; NIEDERLAND,
Teofil R., prof., Dr.

Changes of glycogen in kidneys of rats after giving them tetra-
chloromethane. Biologia 16 no.5:381-384 '61.

1. III.interna klinika lekárskej fakulty Univerzity Komenského v
Bratislave, Hlboka cesta 14.

(GLYCOGEN) (RATS) (CARBON TETRACHLORIDE)

NIEDERLAND, T. R.; GVOZDJAK, J.; DOBIS, J.; Technicka spolupraca MATOLKOVA, M.

Changes in the concentration of glycogen fractions in the striated muscle and myocardium in chronic and chronic-intermittent administrations of salicylates. Bratisl. lek. listy 41 no.7:415-419 '61.

1. Z III internej kliniky a Vedeckeho laboratoria pre farmakobiochemiu Lek. fak. Univ. Komenskeho v Bratislave, prednosta prof. MUDr. T. R. Niederland.

(MYOCARDIUM metab) (MUSCLES metab) (GLYCOGEN metab)
(SALICYLATES pharmacol)

DOBIS, J.; VIDO, I.; VIDO, J.; NIEDERLAND, T. R.

Studies on the activity of some enzymes in the blood serum in experimental carbon tetrachloride liver injuries. Bratisl. lek. listy 41 no.9:537-542 '61.

1. Z III internej kliniky Lek. fak. Univ. Komenskeho v Bratislave, prednosta prof. MUDr. T. R. Niederland.

(LIVER DISEASES exper) (TRANSAMINASES blood)

GVOZDJAK, J.; NIEDERLAND, T. R., with the technical assistance of KAPLANOVA, M.

The effect of digitoxin on the lipid metabolism of myocardium and striated muscle. Cor vasa 4 no.2:154-160 '62.

1. The Pharmacobiochemical Laboratory of the III Internal Clinic, Medical Faculty, Comenius University, Bratislava, Czechoslovakia.

(MYOCARDIUM metab) (MUSCLES metab)
(LIPIDS metab) (DIGITALIS pharmacol)

GVOZDJAK, J.; NIEDERLAND, T. R., with the technical assistance of KAPLANOVA, M.

The effect of digitoxin on protein content in the myocardium, striated muscle and liver of the rat. Cor vasa 4 no.2:161-164 '62.

1. The Pharmacobiochemical Laboratory of the III Internal Clinic,
Medical Faculty, Comenius University, Bratislava, Czechoslovakia.

(DIGITALIS pharmacol) (PROTEINS metab)
(MYOCARDIUM metab) (MUSCLES metab)
(LIVER metab)

NIEDERLAND, T R (MD)

CZECHOSLOVAKIA

NIEDERLAND, T. R., MD.

1. Chair of Clinical Biochemistry of the Slovak Institute of Pre-Medicine (Katedra klinickej biochemie Slovenskeho ustavu pre doskolovanie lekarov), Bratislava; 2. Third Internal Medicine Clinic LF UK (III. internej kliniky LF UK), Bratislava

Bratislava, Lekarsky obzor, No 3, 1963, pp 119-121

"The Importance of International Classification of Cirrhoses."

L 15512-66

ACC NR: AT6007472

SOURCE CODE: HU/2505/65/026/001/0063/0063

AUTHOR: Krajci-Laszary, B.; Dzurik, R.; Niederland, T. R.

ORG: Research Laboratory of Pharmacobiochemistry, III. Department of Medicine,
Komensky University Medical School, Bratislava

TITLE: Metabolic activity of the kidneys This paper was presented at the 29th
Meeting of the Hungarian Physiological Society held in Szeged from 2 to 4 July
1964/

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 26, Supplement,
1965, 63

TOPIC TAGS: biologic metabolism, rat, dog

ABSTRACT:

It has been shown earlier that
the kidneys of rats take up glucose or release it into the blood stream
depending on its concentration in arterial blood. The uptake of lactic acid
also depends on its level in arterial blood. Similar findings were made on dogs
where the same results were also obtained with free fatty acids. The present.

Card 1/2

L 15512-66

ACC NR: AT6007472

experiments were carried out to confirm the free fatty acid uptake in the rat and to compare the mutual relationship in the uptake of the compounds mentioned above. It was found that free fatty acids and their esters are taken up in rats, depending on their arterial blood concentration, similarly to dogs. An inverse relationship was found to exist between the uptake of free fatty acids and glucose. In most instances, when glucose is taken up, free fatty acids are released and vice versa. On the basis of these results it is assumed that 1) the kidney participates in the homeostasis of energy metabolism, 2) the energy needs of the kidneys are supplied by glucose or lipids according to their blood concentrations. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 2/2

VIDO, I.; NIEDERLAND, T.R.; TOMIK, F.

Genesis and development of experimental cirrhosis of the liver. Rev. Czech. med. 9 no.4:245-257 '63.

1. Third Medical Clinic, Medical Faculty, Comenius University, Bratislava Director: Prof. T.R. Niederland, M.D., D.Sc. Pathology Department, District Institute of National Health, Trnava Director: F. Tomik, M.D.

(LIVER CIRRHOSIS, EXPERIMENTAL)

(CARBON TETRACHLORIDE POISONING)

(BILIRUBIN) (SULFOBROMOPHTHALEIN)

(THYMOL)

CZECHOSLOVAKIA

GUONIK, Jan and ~~HEJHAL~~ HEJHAL Faculty of Internal Medicine, Institute of Laboratory of the Third Clinical Department of Internal Medicine at the 1st. Faculty of Comenius University (Mladého Boleslava 1, Bratislava) and III internjej kliniky Lekárskej fakulty Univerzity Komenského, Bratislava.

Effect of Prolonged Administration of Digoxin on the Heart.

Bratislava, Slovensko, Vol. 10, No. 1, 1978, pp. 11-15.

Abstract [German] sex-specific model of study of changes of ascorbic acid, cholesterol, ascorbic acid and cholesterol in rats after 1 mg./kg. of a chemical daily i.p. for up to 10 days. Renal weights were unchanged, ascorbic acid decreased in the second half of experiment only, cholesterol initially only. Conclusion: changes are unspecific. Diagram, Table; 4 Western refs.

BRUSSELAAR

NIEDERLAND, P. R.; [Affiliation not given].
"Report of the Symposium on Salicylates. London, Sept. 13-15,
1962."

Prague, Jacopis Lekaru Casnyeh, Vol 102, No 46, 1963, pp 1276 -
1278

Abstract: In Czechoslovakia salicylates are used for only two purposes: as an analgesic and an antirheumatic. There are however three other important uses of these chemicals. Lowering of the level of cholesterol in blood, increase in basal metabolism, and decrease in glykemia. The program dealt with the following subjects: salicylates in the organism, metabolism influence inflammation upon inflammation processes, influence upon epithelial surfaces, and toxicity. No references.

1/1

NIEDERLAND, T.R.; FEDORCAKOVA, A.; BRIXOVA, E.; BACHLEDOVA, E.; Technicka
spolupraca: GRAUSOVA, T.; BELAJOVA, H.

Changes in the concentration of liver and kidney proteins
during the chronic and chronic-intermittent administration
of salicylates. Bratisl. lek. listy 2 no.11:655-659 '63.

1. III. int.klinika Lek. fak. Univ. Komenskeho v Bratislave;
vedouci: prof. MUDr. T.R.Niederland, DrSc.

*

GVOZDJAK, J.; NIEDERLAND, T.R.; BACHLEDOVA, E.; TOMIK, F.; FEDORCAKOVA, A.;
KRAMAR, T. Technical assistance: KAPLANOVA, M.

Experimental cardiomyofibrosis produced by diet (ECFD). I. Changes
in carbohydrate metabolism of the myocardium in dynamic develop-
ment. Cor. vasa 6 no.2:153-158 '64.

Experimental cardiomyofibrosis produced by diet (ECFD). II.
Changes in lipid metabolism in the myocardium. Ibid.:159-163
'64.

1. Research Laboratory of Pharmacobiochemistry, IIIrd Internal
Clinic, Faculty of Medicine, Komensky University, Bratislava,
Czechoslovakia.

*

NIEDERLAND, T.R.; DZURIK, R.; KRACJI-LAZARY, B. Technická spolupráce:
ONDREJKOVA, D.

Changes in the concentration of some lipid fractions in the
kidney following chronic and chronic-intermittent administra-
tion of silylates. Cas. lek. česk. 103 no.15:393-395
10 Ap'64.

1. Vedecké laboratorium farmakobiochemie Lekarskej fakulty UK
v Bratislave; prednosta: prof. dr. T.R. Niederland, DrSc.

*

VIDO, J.; NIEDERLAND, T.R.; VIDO, I .

Determination of some biochemical indices in the serum in incomplete obstruction of the bile ducts in experimental conditions. Cesk. gastroent. vyz. 17 no.7:388-394 N°63

1. III interna klinika Lekarskej fakulty Univerzity Komenskeho v Bratislave; prednosta prof. dr. T.R. Niederland, DrSc.

GVONISAK, J.; NITEL, J.; T. P.; Techn. sprava M. K. LANGVA

*Effect of chronic intermittent administration of digitoxin
on cardiac rate metabolism. Bratisl. lek. listy 44 no. 2:
449-453 1961.*

1. Vedecko-športovní ústav farmakobiologie Lek. Fak. Univerzity
Komenského v Bratislave (ved. úst. prof. MUDr. J. G. Langva, M. D.,
Dr.Sc.).

NIEDERLAND, T.R.

Prof. MUDr. Jaroslav Horejsi, Dr. Sc., Corresponding member of
the Czechoslovak Academy of Sciences 60 years old. Bratisl. lek.
listy 45 no.6:329-333 30 S '65.

GVOZDIAK, J.; FEDORCAKOVA, A.; BACHLEDOVA, E.; NIEDERLAND, T.R.;
Technická spolupráca: KAPLANOVA, M.; RADICOVA, L.

On biochemical changes of the rat myocardium in late ontogenesis
during experimental cardiomyofibrosis. Bratisl. lek. listy 45
no.6:334-338 30 S '65.

1. III. interna klinika Lek. fak. Univerzity Komenského v Bratislave (veduci prof. MUDr. T.R. Niederland, DrSc.).

N. PERLAD, T.R.; GVOZDJAK, J.; BACHLEDOVA, E.

Changes in esterified fatty acids in the liver during experimental
infarctoid cardiopathy. Cas. lek. resk. 104 no.34:764-975 1964, 1965.

1. III. interna klinika Lekarskej fakulty Univerzity Komenského
v Bratislave a Vedecké laboratórium farmakobiokémie v Bratislave
(prednosta prof. ir. T.R. Niederland, DrSc.).

L 13228-66 EWT(m)/EWP(j) RM

ACC NR: AP6006037

SOURCE CODE: CZ/0053/65/014/004/0291/0292

AUTHOR: Dzurik, R.; Niederland, T. R.; Krajci-Lazary, B. 33

ORG: Pharmac-Biochemical Research Laboratory, Third Clinic of Internal Medicine, Medical Faculty, Comenius University, Bratislava (Vyskumne laboratorium farmakobiochemie pri III. internej klinike Lek. fak. UK) B

TITLE: Protective effect of glucose on a lethal dose of dinitrophenol¹ in rats
[This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 29 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 291-292

TOPIC TAGS: rat, pharmacology, aromatic nitro compound, drug effect, carbohydrate, aliphatic carboxylic acid 6

ABSTRACT: Glucose 3 ml 40% solution by lavage 1 hour before lethal (45 mg/Kg dose of DNP protected 8 out of 10 rats; sodium lactate had no such protective effect; thus the effect is specific rather than merely caloric, nutritive or energetic. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Cord 1/10

L 13237-66 EWT(m)/EWP(j)/EWA(c) RM

ACC NR: AP6006053

SOURCE CODE: CZ/0053/65/014/004/0299/0299

AUTHOR: Krajci-Lazary, B.; Niederland, T. R.; Dzurik, R.

ORG: none

TITLE: Uncoupling effect of 2,4-dinitrophenol⁷ in vivo [This paper was presented during the Twelfth Pharmacologic Days, Smolenice, 26 Jan 65.]

SOURCE: Ceskoslovenska fysiologie, v. 14, no. 4, 1965, 299

TOPIC TAGS: biologic metabolism, drug effect, pharmacology, aromatic nitro compound, heterocyclic base compound, organic phosphorus compound, liver

ABSTRACT: DNP 20 mg /Kg lowered hepatic ATP and had pyrogenic effect; 60 mg /Kg was lethal. Main effect of either lethal or nonlethal dose was acceleration of metabolism and catabolism; lethal doses resulted in the death of the animal within one hour. [JPRS]

SUB CODE: 06 / SUBM DATE: none

Card 1/1

N I E D E R L A N D O V A , Z .

Treatment of keratitis parenchymatosa with subconjunctival injections of penicillin. Cesk. ofth. 8 no.6:387-390 Dec 1952. (GLML 23:4)

NIEDERLE, B., Doc. Dr; TESAR, O., Dr

Perspectives of surgical therapy of peptic ulcer; evaluation of cases operated during the recent 7 years at the surgical department of the Motole hospital. Cas.lek.cesk. 91 no.45-46:1331-1337 14 Nov 52.

1. Z chirurgického oddelení Státní oblastní nemocnice v Praze-Motole (prednosta doc. dr. B.Niederle)
(PEPTIC ULCER, surgery,
statist. analysis)

NIEDERLE, B. Doc. Dr.

WROCEŃSKI OŚRODEK BADAŃ ICHIOLOGICZNYCH I CHIRURGICZNYCH

Calculi of the biliary duct; diagnostic and therapeutic importance
of surgical cholangiography and manometry. Cas. lek. česk 93 no.47:
1289-1294 19 Nov 54.

1. Z chirurgického oddělení nemocnice v Praze-Motole; přednosta
Doc. Dr. B.Niederle.

(CHOLELITHIASIS

diag. & ther., value of cholangiography & manometry)

MARATKA, Z., Doc., Dr.; NIEDERLE, B., Doc., Dr.

Surgical therapy of ulcerative colitis. Cesk. gastroenter.
9 no.4:251-258 Dec 55.

1. II. interni klinika Karlovy university v Praze (prednosta
prof. Dr. A. Vancura) a chirurgicke oddeleni nemocnice v Praze-
Motole (predn. doc. Dr. B. Niederle).
(COLITIS, ULCERATIVE, surgery.)

SOUSEK, O., Dr; NIEDERLE, B., doc. Dr.

Incidence and significance of infectious hepatitis during late
convalescence period after surgery. Rozhl.chir. 34 no.6:351-355
June 55.

1. Z infekcniho oddeleni pro i h.a. z chirurgickeho oddeleni
nemocnice v Praze-Motole

(HEPATITIS, INFECTIOUS

in postop. convalescence, incidence)

(CONVALESCENCE

postop., incidence of infect. hepatitis)

SEBEK, Vaclav, Doc., Dr.; ~~NIEDERLE, Bohuslav, doc., Dr.~~

Appendicitis in women. Cesk. gyn. 22[36] no.4:268-273 May 57.
(APPENDICITIS, diag.
errors in women (Cs))

NIEDERLE, B.

Personal experience in the surgical treatment of ulcerative colitis.
Rehabil. chir. 36 no.7:434 July 57.

1. Chirurgické oddelení nemocnice v Praze-Motole, přednosta doc.
Dr. B. Niederle.

(COLITIS, ULCERATIVE, surg.
(Cz))

NIEDERLE, B., Doc., Dr.

To septuagenarian Academician Arnold Jiraska. Cas. lek. cesk. 96
no.27-28 :842-844 5 July 57.

(BIOGRAPHIES

Jiraska, Arnold (Cz))

NIEDERLE, B.; RAUCHENBERG, M.

So-called Mondor's disease. Rozhl. chir. 34 no.2:65-74 # '60.

1. Chirurgické oddelení nemocnice v Praze-Motole, přednosta prof.
dr. B. Niederle, a prosektura nemocnice v Praze-Motole, přednosta
prim. dr. M. Rauchenberg.
(THROMBOPHLEBITIS)
(THORAX dis.)

NIEDERLE, B.; SEBEK, V.

Terminal ileitis in monozygotic twins. Cas.lek.cesk 99 no.32/33:
1038-1044 12 Ag '60.

1. Chirurgické oddelení nemocnice v Praze-Motole, přednosta prof.
dr. B.Niederle, gynekologické oddelení nemocnice v Praze-Motole,
přednosta doc. dr. V.Sebek.
(ILEITIS, REGIONAL genetics)
(TWINS dis.)

NIEDERLE, B., prof.

A note on the problem of early ambulation after operative surgery.
Cesk.gyn.26[40] no.1/2:34-36 F '61.

1. Chirurgické oddelení nemocnice v Praze-Motole; přednosta prof.
dr. B.Niederle.
(POSTOPERATIVE CARE)

NIEDERLE, B.

Current status and prospects of abdominal surgery. Rozhl. chir. 41
no.2:77-79 F '62.

1. Chir. oddeleni nem. v Praze-Motole, prednosta prof. dr. B. Niederle.

(ABDOMEN surg)

NIEDERLE, B.; HYNIE, L.; MATHON, K.; TESAR, J.

Role of surgical aid in intracranial injuries. Evaluation according to 11-year experience. Rozhl. chir. 41 no.4:280-283 Ap '62.

1. Chirurgické odd. nem. v Praze-Motole, prednosta prof. MUDr.
B.Niederle Neurologické odd. nem. v Praze-Motole, prednosta doc.
MUDr. K. Mathon Ústav pro soudní lékařství fak. všeob. lek.
Karlovy university, prednosta doc. MUDr. J. Tesar.
(BRAIN wds & inj)

NIEDERLE, B.; BERAN, I.; FALTUS, H.; SUDEK, J.

Thromboembolic disease in surgical, internal and gynecological-obstetrical departments. Cas. Lek. Cesk. 101 no.6:161-167 9 P '62.

1. Chirurg. oddel., prednosta prof. dr. B. Niederle, interni oddel., prednosta dr. I. Beran, a gynekol.-porod. oddel., prednosta doc. dr. V. Sebak, nemocnice v Praze-Motole.

(THROMBOEMBOLISM)

BLAHOS, J.; NIEDERLE, B.; ORSZAGH, J.; KAS, S.; RAUCHENBERG, M.

Hyperinsulinism. Pathogenesis, diagnosis and therapy. Cas. lek. cesk.
101 no.29/30:912-918 20 J1 '62.

1. Vyzkumny ustav endokrinologicky v Praze, reditel doc. dr. K. Silink -
Chirurgicke oddeleni nemocnice v Praze 5-Motole, prednosta prof. dr.
B. Niederle - Neurologicke oddeleni nemocnice v Praze 5-Motole, pred-
nosta doc. dr. K. Mathon - Patologickoanatomicke oddeleni nemocnice
v Praze 5-Motole, prednosta MUDr. M. Rauchenberg.

(HYPERINSULINISM)

NIEDERLE, B. Spoluprace: PRUSI, K. ; TESARE, O.

Variability of the borderline between internal and surgical
treatment of various abdominal diseases. Cas.lek. cesk. 103
no.7:174-181 14 F'64

1. Chirurgické oddelení nemocnice v Praze-Motole; vedoucí:
prof.dr.B.Niederle.

*

NIEDERLE, O.

Safety in operating the Zetor 25 tractor. p. 422.

MECHANISACE ZEMEDELSTVI. Praha. Vol. 4, no. 22, Nov. 1954.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956

NIEDERLE, O.

Electric equipment of agricultural machinery from the point of view of labor safety.
p. 33.

MECHANISACE ZEMEDELSTVI. Vol. 5, No. 2, Jan. 1955

SO: Monthly East European Accession, (EEAL), LC, Vol. 4, No. 9, Sept. 1955 Uncl.

NIEDERLE, O.

Simple servicing of seeding machines. p.332

MECHANISACE ZEMEDELSTVI. (Ministerstvo zemedelstvi) Praha

Vol. 5, no. 17, Sept. 1955

East European Accessions List

Vol. 5 No. 1

Jan. 1956

NIEDERLE, O.

Let us be careful on the snow and ice. p. 27.
(ZELEZNICAR, Vol. 6, no. 1. Jan. 1956. Praha, Czechoslovakia.)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, no. 12, Dec. 1957.
Uncl.

NIEDERLE, O.

Let us consistently pay attention to the maintenance of tractor trailers.

p. 54
Vol. 6, no. 3, Feb. 1956
MECHANISACE ZEMEDELSTVI
Praha

SO: Monthly List of East European Accessions (EFAL), IC, Vol. 5, no. 12
December 1956

NIEDERLE, O

NIEDERLE, O. Let us not forget the operator during the tests of the prototype.
p. 287. vol. 6 no. 15 Aug. 1956 MECHANIDACE ZEMEDLSTVI, CZECHOSLOVAKIA

SOURCE: East European Accessions List (EEAL) Vol 6, No. 4--April 1957

NIEDERLE, C.

NIEDERLE, C. A new small tractor for hops field. . p. 323.

Vol. 6, No. 17, Sept. 1957.

MECHANISACE ZEMEDLSTVI

ACRICULTURE

Praha, Czechoslovakia

So: East European Accession, Vol. 6, No. 3, March 1957

NIEDERLE, O.

NIEDERLE, O. What is the accident rate of tractor operators? p. 409

Vol. 6, N. 21, Nov. 1956
MERCHANISACE ZEMEDLSTVI
AGRICULTURE
Praha, Czechoslovakia

So: East European Accessions, Vol. 6, No. 3, March 1957

NIEDERLE, O.

Protection of employees' health against injurious effects of chemical compounds used in plant protection. p. 196. (Mechanizace Zemedelstvi, Vol. 7, No. 9, May 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

NIEDERLE, C.

Effect of the design of tractor-trailers on the safety of transportation. p. 226.
(Mechanisace Zemedelstvi, Vol. 7, No. 10, May 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (FEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

NIEDERLE, O.

Can Zetor 25 farm tractors be used in transportation? p.251.
(Mechanisace Zemedelstvi, Vol. 7, No. 11, June 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAI) LC. Vol. 6, No. 9, Sept. 1957. Uncl.

NIEDERLE, O.

We are removing dangerous technical shortcomings from agricultural machinery!
p. 317.
(Mechanisace Zemedelstvi, Vol. 7, no.14, July 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol.6, no. 10, October 1957. Uncl.

NIEDERLE, O.

Air brakes in tractor trailers. n. 351. (MECHANISACE ZEMEDLSTVI, Vol. 7,
No. 15, Aug 1957, Praha, Czechoslovakia)

CO: Monthly List of East European Accessions (EAL) LC, Vol. 6, No. 1, Dec 1957. Incl.

NIEDERLE, O.

New protective cover for a Cardan joint

p. 423 (Mechanizace Zemedelstvi) Vol. 7, no 1, Sept. 1957 Praha, Czechoslovakia

SO: Monthly Index of East European Accessions (EEAI) LC, Vol. 7, no 1, Jan. 1958

NIEDERLE, O.

TECHNOLOGY

Periodical: ZELEZNICAR. No. 12, Dec. 1958.

NIEDERLE, O. We must avoid railroad accidents. p. 9.

Monthly List of East European Accession (EEAI) LC, Vol. 8, no. 3
March 1959 Unclass.

NIEDERLE, Otomar

Risks involved in pin gunning. Poz stavby 11 no.1:39-40 '63.

1. Armabeton, Praha.

NIEDERLE, Otomar

Responsibility for the education of industrial safety. Poz stavby
II no.2:103-104 '63.

1. Armabeton, Praha.

NIEDERLE, Otomar

Production cost calculation and industrial safety. Poz stavby
11 no. 12: 659-660 '63.

1. Armabeton, Praha.

NIEDERLINSKI, Antoni, mgr inz.

Internal feedback in the Ward-Leonhard system. Automatyka Gliwice
no.1:47-60 '61.

1. Zaklad Automatyzacji Napedu, Politechnika Slaska, Gliwice.

POLAND

NIEDEMLINSKI, Antoni

Dept. of Automation of Industrial Processes, Silesian Polytechnic
(Katedra Automatyki Procesów Przemysłowych, Politechniki Śląskiej)
[Gliwice]

Warsaw, Archiwum automatyki i telemechaniki, No 1, Jan/Mar 1966,
pp 47-52

"Duality of optimal control of certain multi-stage decision processes."

L 36155-66 IJP(c)

ACC NR: AT6014887

SOURCE CODE: PO/2536/65/000/006/0127/0144

AUTHOR: Niederlinski, Antoni

ORG: Department of Automation of Industrial Processes (Katedra Automatyki Procesow Przemyslowych)

TITLE: Symmetry of the dynamic system matrix which enables stability analysis by the generalized Hurwitz criterion to be used in a stability analysis

SOURCE: Gliwice. Politechnika Slaska. Zeszyty naukowe, no. 132, 1965. Automatyka, no. 6, 1965, 127-144

TOPIC TAGS: dynamic system, matrix element, characteristic equation, ~~quasi-skew symmetric matrix~~, Hurwitz criterion, stability ~~analysis~~, ^{complex} matrix element

ABSTRACT: A quasi-skew symmetric matrix has been defined, and nine theorems concerning its properties have been presented. It has been shown that the quasi-skew symmetric form of a matrix remains constant with summation, multiplication, and inversion of quasi-skew symmetric matrices. It has been proven that a quasi-skew symmetric matrix has only complex conjugate characteristic roots. An associated matrix of order n with complex elements has been defined for every quasi-skew symmetric matrix of the order $2n$. It has been proven that the characteristic roots of the associated matrix constitute a complex nonconjugate subset of the set of complex conjugate characteristic roots of the original matrix. Hence, it is possible to analyze the stability of a dynamic system described with a quasi-skew symmetric

Card 1/2

L 36165-66

ACC NR: AT6014887

matrix of the order $2n$, using as a starting point a proper associated matrix of order n . A criterion for this purpose has been proposed; the criterion is a generalization of the Hurwitz stability criterion for a characteristic equation with complex coefficients. An example of a dynamic system described with a quasi-skew symmetric matrix has been presented. Orig. art. has: 7 formulas. [Based on author's abstract.] [AM]

SUB CODE: 12/ SUBM DATE: 24Jan64/ ORIG REF: 003/ OTH REF: 003/ SOV REF: 002

Card 2/2 met

NIEDERMALLER, K.; STINGA, N.

Natural grass growing on ground cleared of midget mountain pine (Pinus montana) and juniper (Juniperus siberica) in the Alpine zone of the Ciban Mountains. p.957.

COMUNICARILE. Bucuresti, Rumania, Vol. 7, no. 11, Nov. 1957.

Monthly List of European Accessions (EEAI) LC, Vol. 8, no. 8, Aug. 1959.

Uncl.

BURCEA, P. (Bucuresti); NIEDERMAIER, K. (Sibiu)

Weeds of the meadows. *Natura Biologie* 14 no.3:24-23 My-Je '62.

NIEDERMAIER, Pawel

A new type of oil removal tank from waste water in refineries. Wiad
naft 8 no.1:17-18 '62.

CSABA, Gyorgy; RAPPAY, Gyorgy; NIEDERMANN, Eva

The central nervous system and the reticuloendothelial system;
III. Data on the neurohormonal regulation of the liver
reticuloendothelial system. Ideg. szemle 8 no.2:46-48 Apr 55.

1. Budapesti Orvostudományi Egyetem Szövet- és Fejlődéstan
Intézet. Igazgató: dr. Tóth Imre egyet. tanár.
 (LIVER, physiol.
 liver RE system, regulation by CHS, eff. of insulin
 & adrenal cortex hormones on funct. in rats (Hun))
 (RETICULOENDOTHELIAL SYSTEM, physiol.
 same
 (CENTRAL NERVOUS SYSTEM, physiol.
 regulation of liver RE system, eff. of insulin &
 adrenal cortex hormones on RE system funct. in rats (Hun))
 (INSULIN, eff.
 on liver RE system funct. in rats (Hun))
 (ADRENAL CORTEX, hormones
 eff. on liver RE system funct. in rats (Hun))

BOSZORMENYI, Z.; NIEDERMULLER, F.

Treatment of facial pareses with stellate ganglion infiltration.
Orv. hetil. 93 no.2:41-46 13 Feb 1952. (CIML 23:2)

1. Doctors. 2. Psychiatric and Neuropathological Clinic (Director -- Prof. Dr. Gyula Hyiro) and Nerve Surgery Institute (Head -- Prof. Dr. Lassle Zoltan), Budapest University.

NAGY, Lajos, dr.; NIEDERMULLER, Ferenc, dr.; CSENGODY, Jozsef, dr.

Actinomycosis of the large intestine. Orv. hetil. 105 no.2:
78-80 12 Ja'64

1. Budapesti Orvostudományi Egyetem, III. Sebészeti Klinika
és a Gyöngyösi Városi Kórház Sebészeti Osztály.

*

HUNGARY

NAGY, Gyorgy, Dr. NIEDERMULLER, Ferenc, Dr; Bugat Pal Hospital (director: FEJES, Istvan, Dr). Pathological Anatomy (chief physician: NAGY, Gyorgy, Dr) and Surgical Ward (chief physician: NIEDERMULLER, Ferenc, Dr) (Bugat Pal Korhaz, Korbonctani Osztaly es Sebeszeti Osztaly). Gyongyos.

"The Question Whether Hashimoto's Struma Represents a Preblastomatous Condition."

Budapest, Magyar Sebeszet, Vol XIX, No 2, Apr 66, pages 87-90.

Abstract: [Authors' Hungarian summary] The joint occurrence of Hashimoto's struma and malignant thyroid tumors is relatively frequent and, therefore, Hashimoto's struma should be looked upon as a preblastomatous condition. A case is described in which Hashimoto's struma was accompanied by a non-differentiated, malignant thyroid tumor. Hashimoto's struma arises on the basis of an autoimmune mechanism and, therefore, many authors advocate the exclusively conservative treatment of suspicious changes. In the knowledge that Hashimoto's struma is a preblastomatous condition, this procedure is disapproved of by the authors. 4 Hungarian, 25 Western references.

1/1